

PRIOR ART

FIG. 1

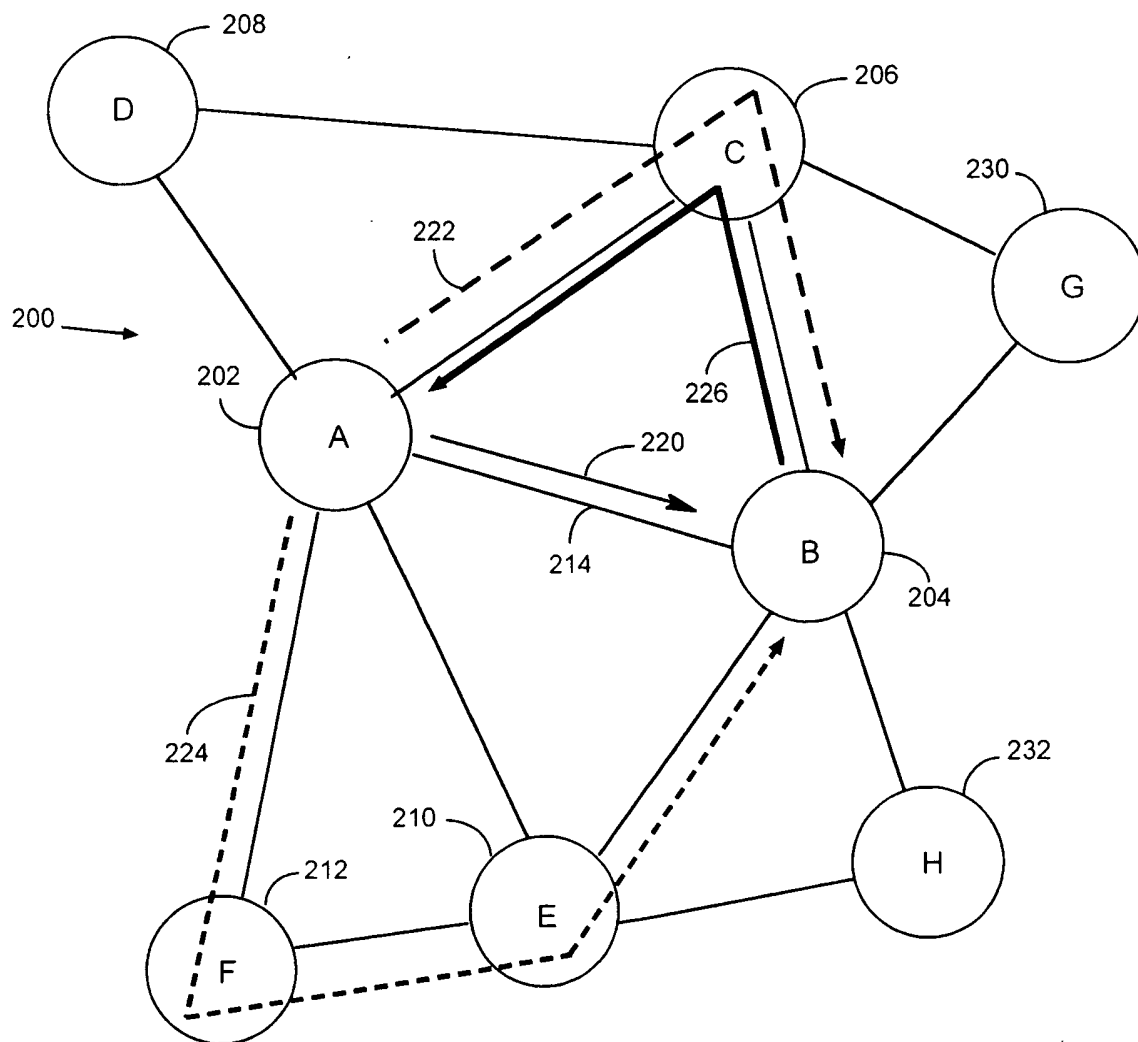


FIG. 2

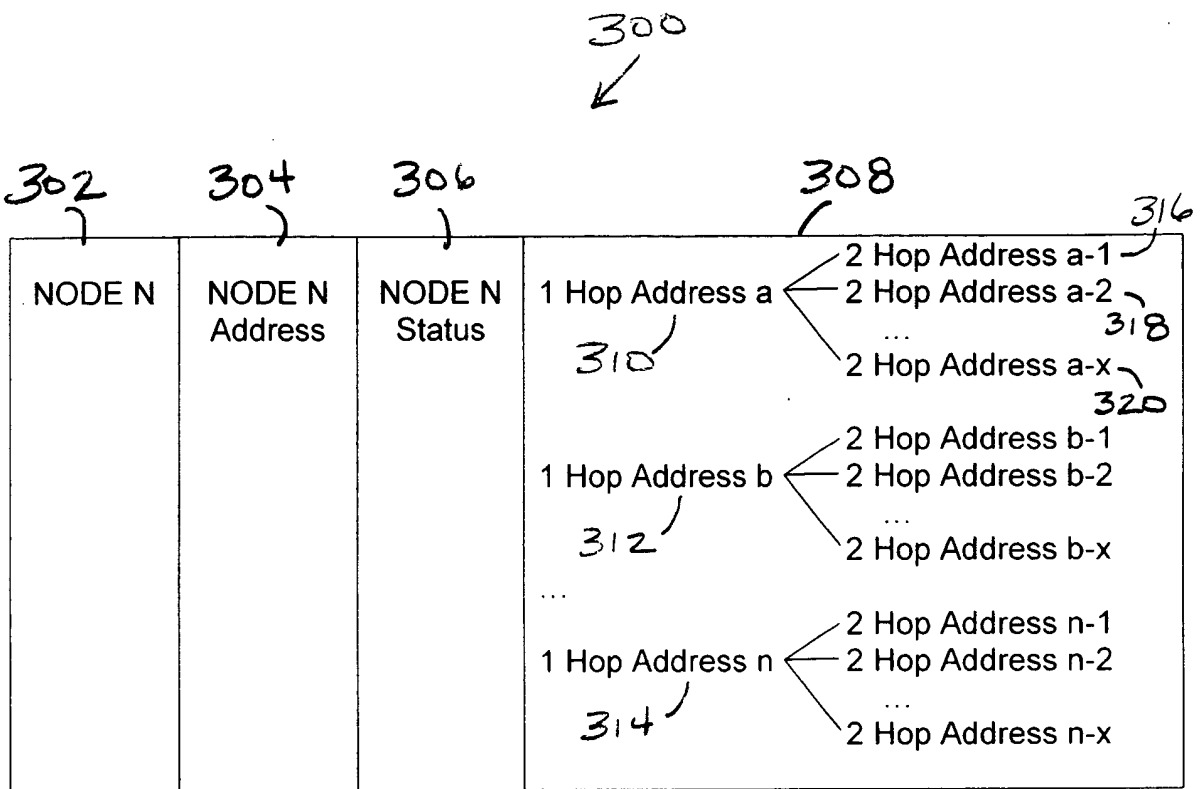


FIG. 3

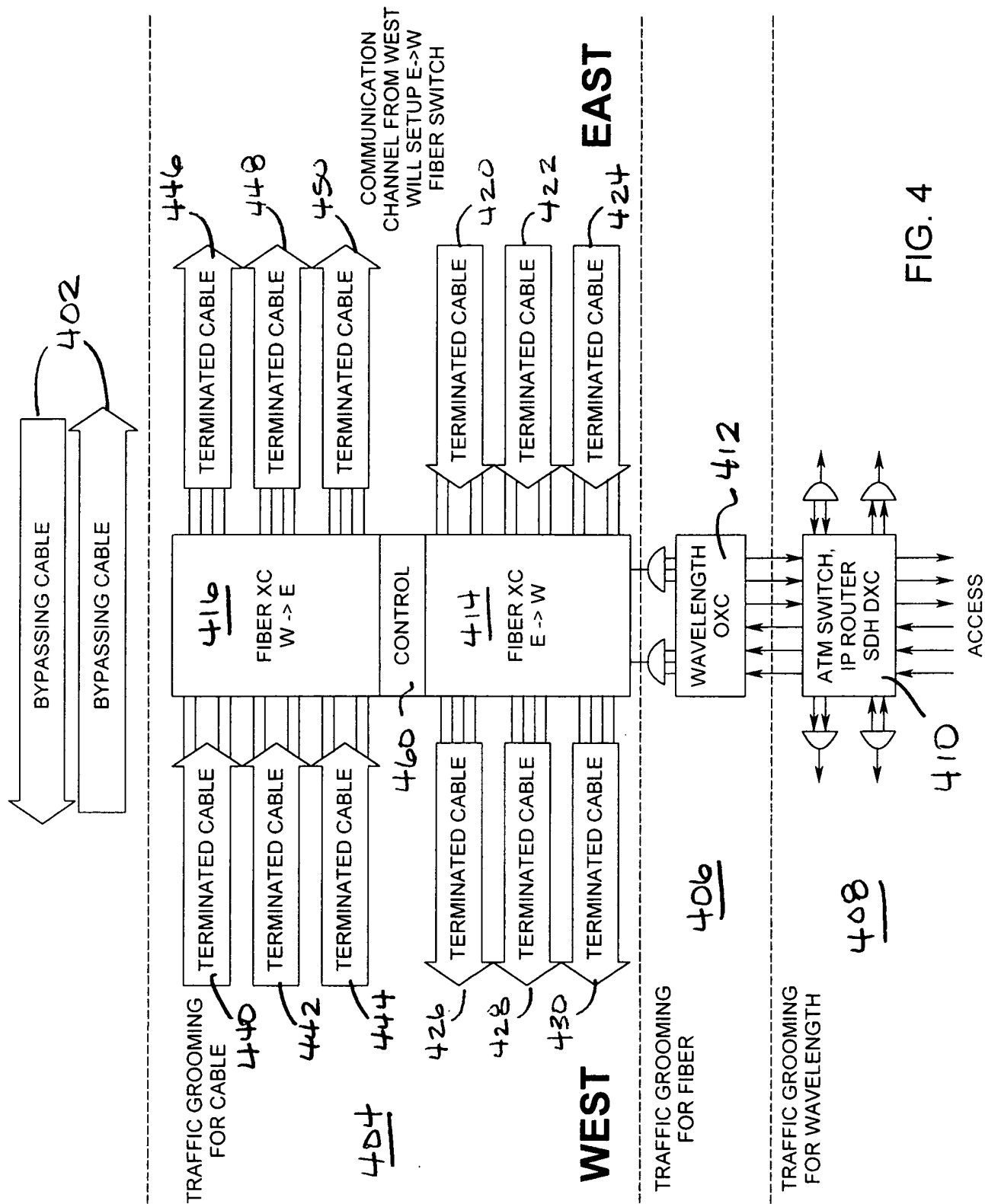


FIG. 4

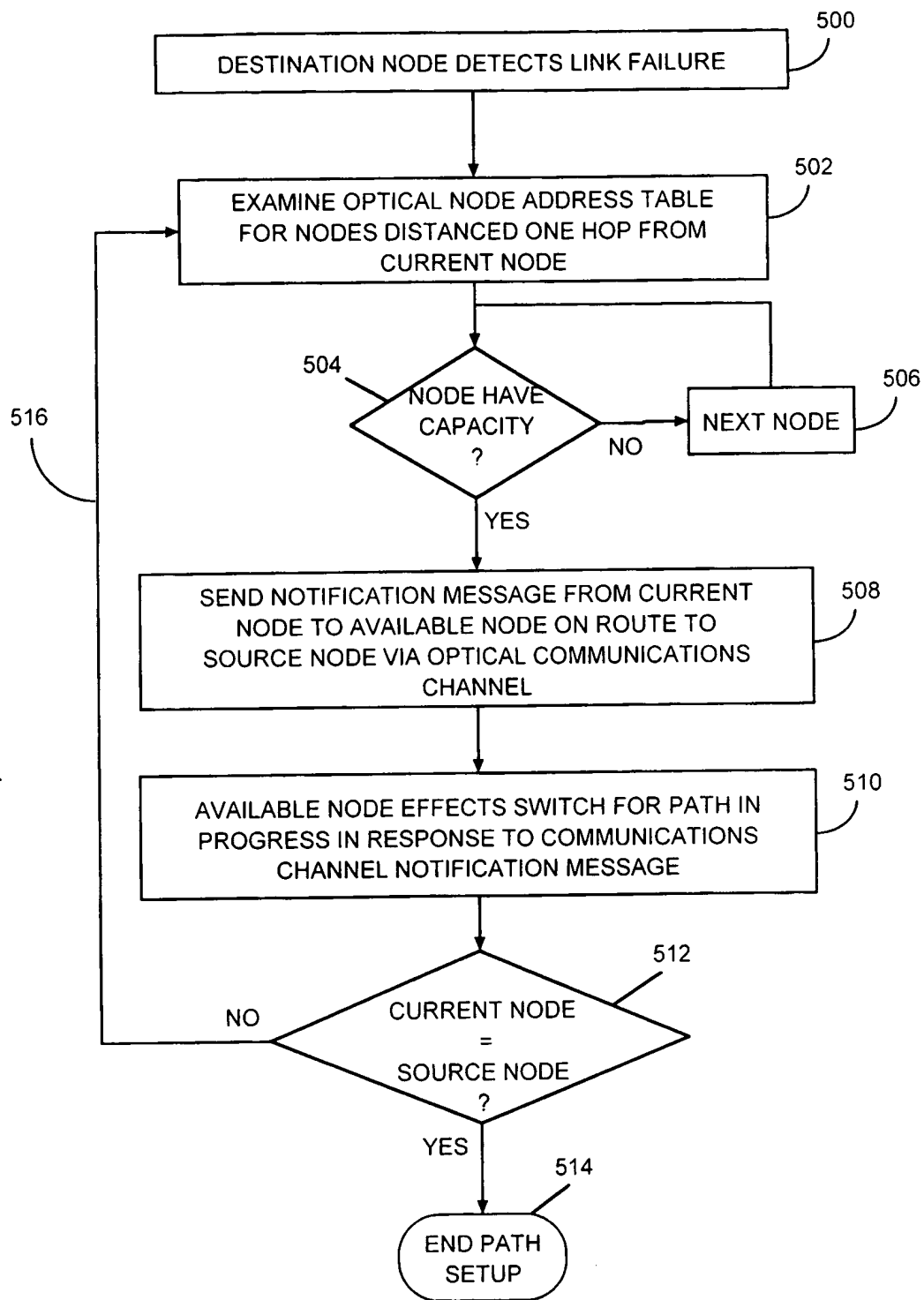


FIG. 5

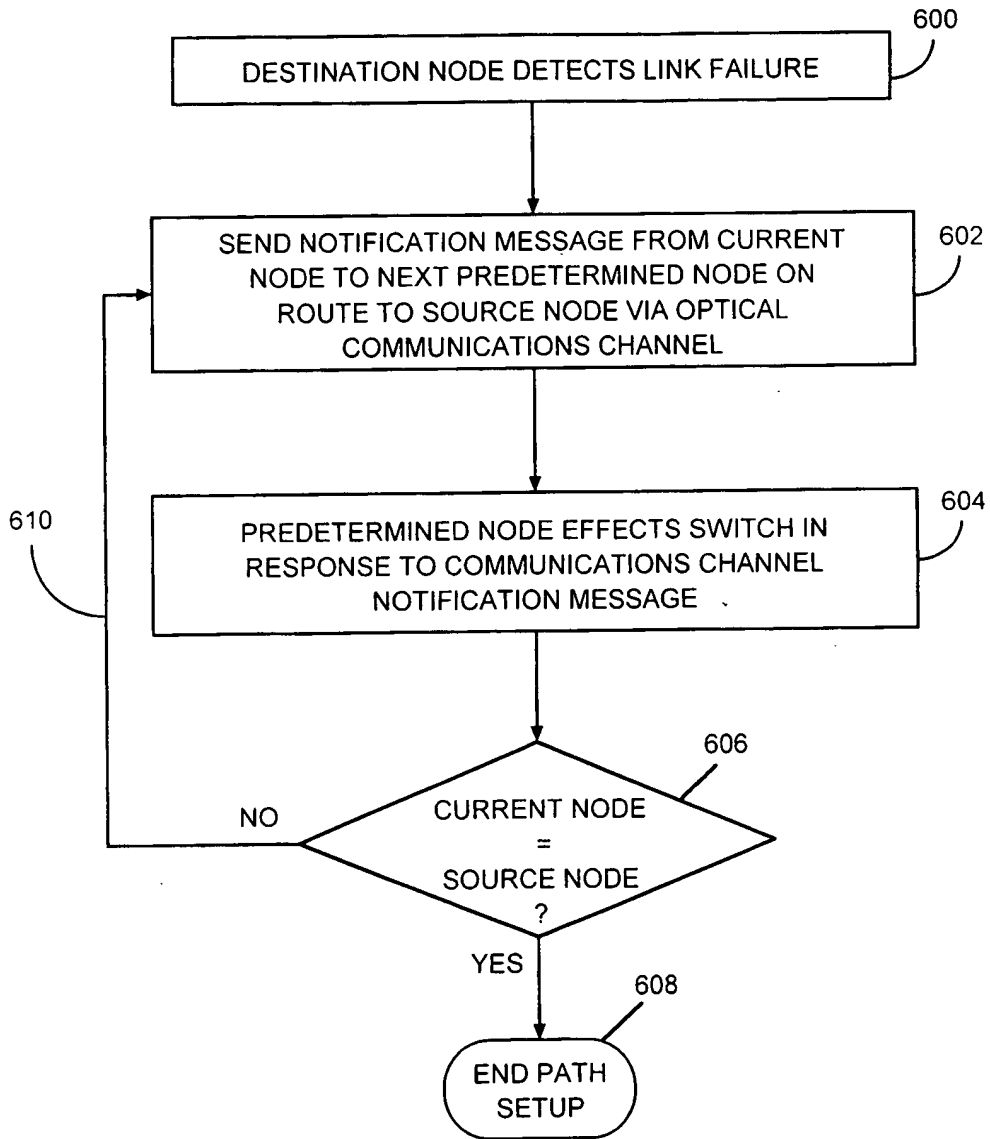


FIG. 6

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graph TD; 700[DESTINATION NODE DETECTS LINK FAILURE] --> 702[ESTABLISH ROUTE FROM DESTINATION NODE TO SOURCE NODE USING COMMUNICATION CHANNEL]; 702 --> 704[AT EACH NODE AS ROUTE IS ESTABLISHED FROM DESTINATION TO SOURCE, SET UP SWITCH TO ALLOW OPTICAL SIGNALS TO BE TRANSMITTED FORWARD ALONG ROUTE WHEN FULLY ESTABLISHED]; 704 --> 706[WHEN PATH ESTABLISHED BACK TO SOURCE NODE, SWITCH SOURCE NODE TO NEWLY ESTABLISHED ROUTE]; 706 --> 708([END PATH SETUP]);
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700

DESTINATION NODE DETECTS LINK FAILURE

702

ESTABLISH ROUTE FROM DESTINATION NODE TO SOURCE NODE USING COMMUNICATION CHANNEL

704

AT EACH NODE AS ROUTE IS ESTABLISHED FROM DESTINATION TO SOURCE, SET UP SWITCH TO ALLOW OPTICAL SIGNALS TO BE TRANSMITTED FORWARD ALONG ROUTE WHEN FULLY ESTABLISHED

706

WHEN PATH ESTABLISHED BACK TO SOURCE NODE, SWITCH SOURCE NODE TO NEWLY ESTABLISHED ROUTE

708

END PATH SETUP

FIG. 7

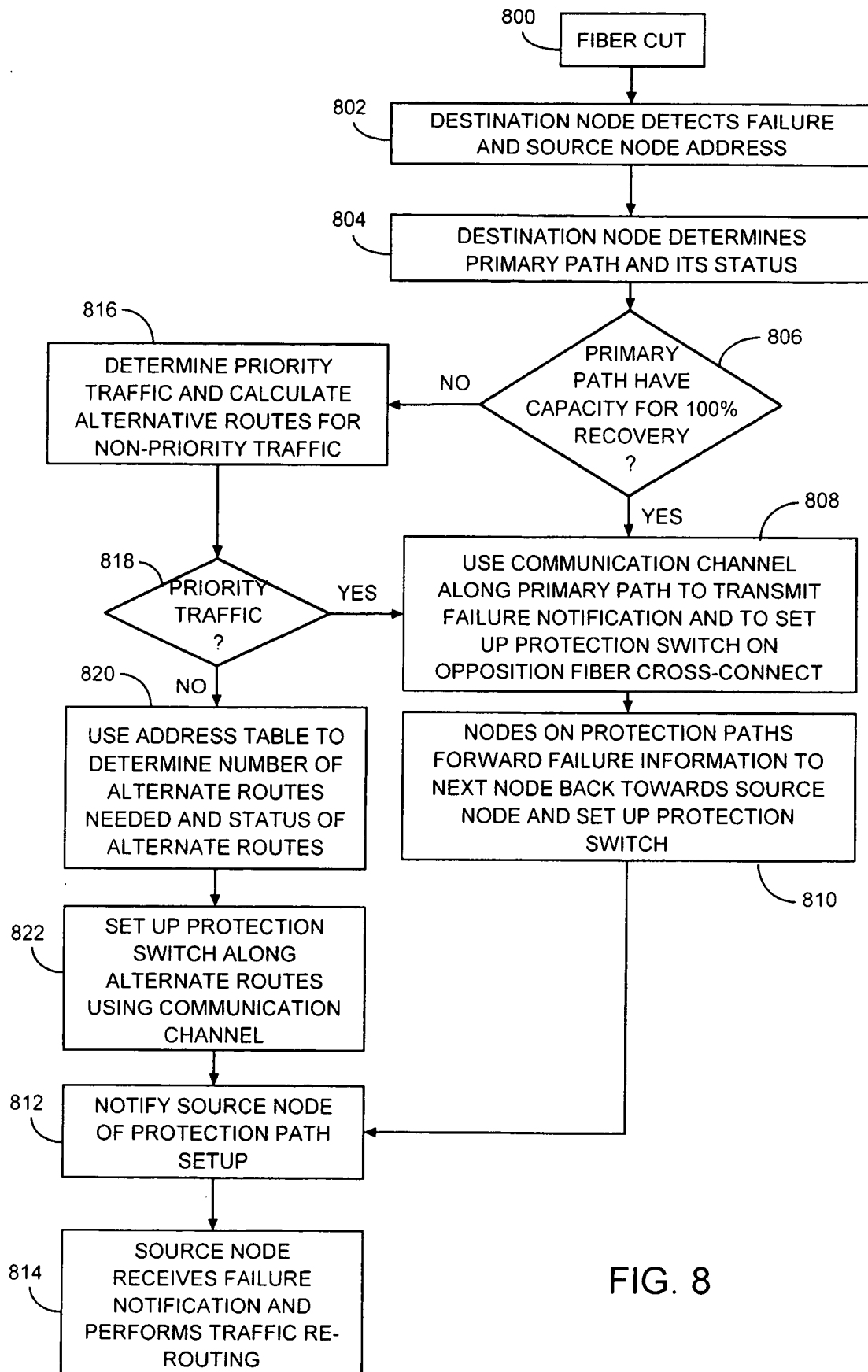


FIG. 8